15	KSRB 4-6.7 :Providing and removing **centering, shuttering, strutting, propping etc.**, and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 16, Item No 4.34								
	Ground Floor								
	Beams								
	B1	Sqm	20	38.00		0.73	554.80		
	B2	Sqm	10	45.18		0.43	194.29		
	SB	Sqm	2	5.65		0.38	4.24		
		Sqm	1	5.65		0.20	1.13		
	Deductions								
	Beam Junctions	Sqm	104	0.30		0.43	-13.42		
		Sqm	2	6.00		0.43	-5.16		
	Lintels								
	Through	Sqm	4	25.90		0.45	46.62		
		Sqm	2	30.99		0.45	27.89		
		Sqm	2	37.60		0.45	33.84		
		Sqm	2	9.13		0.45	8.21		
		Sqm	2	15.75		0.45	14.18		
		Sqm	4	19.50		0.45	35.10		
		Sqm	2	12.88		0.45	11.59		
	Cut Linrtel	Sqm	2	1.20		0.20	0.48		
		Sqm	16	1.05		0.20	3.36		
	Deductions								
	Columns C1	Sqm	2	0.75		0.45	-0.68		
	C2	Sqm	4	0.60		0.45	-1.08		
	C3	Sqm	8	0.75		0.45	-2.70		
		Sqm	6	0.40		0.45	-1.08		
	C4	Sqm	2	0.60		0.45	-0.54		
	C5	Sqm	10	0.60		0.45	-2.70		
	C6	Sqm	20	0.60		0.45	-5.40		
	Basic rate							256.00	
	Area weightage 8%							20.48	
	Total						902.97	276.48	249653.15
	First Floor								
	Beams								
	B2	Sqm	2	45.18		0.43	38.86		
		Sqm	2	38.98		0.45	35.09		
		Sqm	10	6.61		0.45	29.74		
	B3	Sqm	6	6.61		0.48	19.03		
	SB	Sqm	2	5.65		0.38	4.24		
		Sqm	1	5.65	0.20		1.13		
	GB	Sqm	2	33.22		0.30	19.93		
		Sqm	2	33.22		0.30	19.93		

	Sqm	2	33.22		0.30	19.93		
Lintels								
Through Lintel	Sqm	6	45.18		0.45	122.00		
	Sqm	12	30.99		0.45	167.36		
	Sqm	6	38.98		0.45	105.26		
	Sqm	2	38.98		0.45	35.09		
	Sqm	2	6.08		0.45	5.47		
Cut lintel								
D4	Sqm	24	1.05		0.20	5.04		
Deductions								
Columns C1	Sqm	6	0.75		0.45	-2.03		
C2	Sqm	12	0.75		0.45	-4.05		
	Sqm	42	0.30		0.45	-5.67		
C3	Sqm	36	0.75		0.45	-12.15		
	Sqm	16	0.40		0.45	-2.88		
C4	Sqm	2	0.60		0.45	-0.54		
C5	Sqm	6	0.60		0.45	-1.62		
C6	Sqm	10	0.60		0.45	-2.70		
Basic rate							256.00	
Add lift charges for First Floor							5.00	
sub total							261.00	
Area weightage 8%							20.88	
Total						596.46	281.88	168130.14
Second Floor								
Beams								
B2	Sqm	2	6.40		0.43	5.50		
SB	Sqm	2	5.65		0.38	4.24		
	Sqm	1	5.65	0.20		1.13		
Basic rate							256.00	
Add lift charges for Second Floor							10.00	
sub total							266.00	
Area weightage 8%							21.28	
Total						10.87	287.28	3122.73
Headroom								
Beams								
B2	Sqm	4	6.00		0.43	10.32		
	Sqm	4	7.01		0.43	12.05		
Cut lintel								
D3	Sqm	2	1.20		0.20	0.48		
Basic rate							256.00	
Add lift charges for Second Floor							15.00	
sub total							271.00	
Area weightage 8%							21.68	
Total						22.85	292.68	6687.74

16	KSRB 4-6.11 :Providing and removing **centering, shuttering, strutting, propping etc.**, and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 16, Item No 4.38								
	Ground Floor Staircase								
	Waist slab bottom	Sqm	1	7.72	2.50		19.29		
	Landing	Sqm	1	6.00	2.50		15.00		
	Waist slab side faces	Sqm	1	18.72		0.38	7.02		
		Sqm	1	8.72		0.38	3.27		
	rises	Sqm	25		2.50	0.15	9.38		
	Stairs at front	Sqm	2	38.00		0.15	11.40		
	sides	Sqm	2	2.20		0.15	0.66		
		Sqm	2	1.60		0.15	0.48		
	Basic rate							475.00	
	Area weightage 8%							38.00	
	Total						**66.50**	**513.00**	**34114.50**
	First Floor Staircase								
	Waist slab bottom	Sqm	1	6.37	2.50		15.93		
	Landing	Sqm	1	6.00	2.50		15.00		
	Waist slab side faces	Sqm	1	17.37		0.38	6.51		
		Sqm	1	7.37		0.38	2.76		
	rises	Sqm	21		2.50	0.15	7.88		
	Galery Steps								
	Sides	Sqm	12	0.6		0.15	1.08		
	Sides	Sqm	12	0.3		0.15	0.54		
	Rises	Sqm	12	1.5		0.15	2.70		
	Basic rate							475.00	
	Add lift charges for First Floor							5.00	
	sub total							480.00	
	Area weightage 8%							38.40	
	Total						**52.40**	**518.40**	**27164.16**
	Second Floor Staircase								
	Waist slab bottom	Sqm	1	6.37	2.50		15.93		
	Landing	Sqm	1	6.00	2.50		15.00		
	Waist slab side faces	Sqm	1	17.37		0.38	6.51		
		Sqm	1	7.37		0.38	2.76		
	rises	Sqm	21		2.50	0.15	7.88		
	Basic rate							480.00	
	Add lift charges for second Floor							10.00	
	sub total							490.00	
	Area weightage 8%							39.20	

	Total						48.08	529.20	25443.94
17	KSRB 4-6.10 :Providing and removing **centering, shuttering, strutting, propping etc.,** for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.37								
	Ground Floor								
	Chajjas								
	W1	Sqm	3	2.70	0.60		4.86		
	Front	Sqm	3	2.70		0.10	0.81		
	Sides	Sqm	6	0.60		0.10	0.36		
	W2	Sqm	8	3.30	0.60		15.84		
	Front	Sqm	8	3.30		0.10	2.64		
	Sides	Sqm	16	0.60		0.10	0.96		
	Basic rate							270.00	
	Area weightage 8%							21.60	
	Total						25.47	291.60	7427.05
	First Floor								
	Chajjas								
	W3	Sqm	11	3.30	0.60		21.78		
	Front	Sqm	11	3.30		0.10	3.63		
	Sides	Sqm	22	0.60		0.10	1.32		
	Basic rate							270.00	
	Add lift charges for First Floor							5.00	
	sub total							275.00	
	Area weightage 8%							22.00	
	Total						26.73	297.00	7938.81
	Headroom								
	Chajjas								
	D3	Sqm	1	1.20	0.60		0.72		
	Front	Sqm	1	1.20		0.10	0.12		
	Sides	Sqm	2	0.60		0.10	0.12		
	Basic rate							270.00	
	Add lift charges for Second Floor							15.00	
	sub total							285.00	
	Area weightage 8%							22.80	
	Total						0.96	307.80	295.49
18	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and First Floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.KBS 4.1, 4.6, Pg No 13, Item no.4.10								

Footing								
C1	Cum	1	4.00	4.00	0.725	11.60		
C2	Cum	9	3.50	3.50	0.60	66.15		
C3	Cum	14	3.00	3.00	0.50	63.00		
C4	Cum	1	3.50	3.50	0.60	7.35		
C5	Cum	12	3.00	3.00	0.50	54.00		
C6	Cum	15	2.60	2.60	0.40	40.56		
Column Upto GL								
C1	Cum	1	0.40	0.75	0.525	0.16		
C2	Cum	9	0.40	0.75	0.65	1.76		
C3	Cum	14	0.40	0.75	0.75	3.15		
C4	Cum	1	0.30	0.60	0.65	0.12		
C5	Cum	12	0.30	0.60	0.75	1.62		
C6	Cum	15	0.30	0.60	0.85	2.30		
Plinth Beam								
	Cum	8	25.33	0.30	0.45	27.35		
	Cum	2	38.00	0.30	0.45	10.26		
	Cum	5	48.18	0.30	0.45	32.52		
Deductions								
C1	Cum	1	0.75	0.30	0.45	-0.10		
C2	Cum	9	0.75	0.30	0.45	-0.91		
C3	Cum	6	0.75	0.30	0.45	-0.61		
	Cum	8	0.40	0.30	0.45	-0.43		
C4	Cum	1	0.60	0.30	0.45	-0.08		
C5	Cum	12	0.60	0.30	0.45	-0.97		
C6	Cum	15	0.60	0.30	0.45	-1.22		
Basic rate							6221.00	
Area weightage 8%							497.68	
Total						317.59	6718.68	2133767.84

19 KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 13, Item No. 4.12

Ground Floor								
Columns upto beam bottom								
C1	Sqm	1	0.40	0.75	3.15	0.95		
C2	Sqm	9	0.40	0.75	3.15	8.51		
C3	Sqm	14	0.40	0.75	3.15	13.23		
C4	Sqm	1	0.30	0.60	3.15	0.57		

C5	Sqm	12	0.30	0.60	3.15	6.80		
C6	Sqm	15	0.30	0.60	3.15	8.51		
Lintels								
Through	Cum	2	25.90	0.20	0.45	4.66		
	Cum	1	30.99	0.20	0.45	2.79		
	Cum	1	37.60	0.20	0.45	3.38		
	Cum	1	9.13	0.20	0.45	0.82		
	Cum	1	15.75	0.20	0.45	1.42		
	Cum	2	19.50	0.20	0.45	3.51		
	Cum	1	12.88	0.20	0.45	1.16		
Cut Lintel	Cum	1	1.20	0.20	0.20	0.05		
	Cum	8	1.05	0.10	0.20	0.17		
Deductions								
Columns C1	Sqm	1	0.75	0.20	0.45	-0.07		
C2	Sqm	2	0.60	0.20	0.45	-0.11		
C3	Sqm	4	0.75	0.20	0.45	-0.27		
	Sqm	3	0.40	0.20	0.45	-0.11		
C4	Sqm	1	0.60	0.20	0.45	-0.05		
C5	Sqm	5	0.60	0.20	0.45	-0.27		
C6	Sqm	10	0.60	0.20	0.45	-0.54		
Staircase								
Waist slab	Cum	1	7.72	2.50	0.225	4.34		
Landing	Cum	1	6.00	2.50	0.225	3.38		
Rise and threads	Cum	23	2.50		0.02	1.29		
			triangular area 0.5*0.3*0.15=0.022					
Basic rate							6367.00	
Area weightage 8%							509.36	
Total						**64.12**	**6876.36**	**440912.20**
First Floor								
Columns upto beam bottom								
C1	Sqm	1	0.40	0.75	2.40	0.72		
C2	Sqm	1	0.40	0.75	2.40	0.72		
	Sqm	8	0.40	0.75	6.00	14.40		
C3	Sqm	10	0.40	0.75	8.55	25.65		
	Sqm	4	0.40	0.75	9.00	10.80		
C4	Sqm	1	0.30	0.60	3.00	0.54		
C5	Sqm	1	0.30	0.60	3.00	0.54		
	Sqm	3	0.30	0.60	6.00	3.24		
C6	Sqm	6	0.30	0.60	6.00	6.48		
Lintels								
Through Lintel	Cum	3	45.18	0.20	0.45	12.20		
	Cum	6	30.99	0.20	0.45	16.74		

	Cum	3	38.98	0.20	0.45	10.53		
	Cum	1	38.98	0.20	0.45	3.51		
	Cum	1	6.61	0.20	0.45	0.59		
Cut lintel								
D4	Cum	12	1.05	0.1	0.20	0.25		
Deductions								
Columns C1	Sqm	3	0.75	0.20	0.45	-0.20		
C2	Sqm	6	0.75	0.20	0.45	-0.41		
	Sqm	21	0.40	0.20	0.45	-0.76		
C3	Sqm	6	0.75	0.20	0.45	-0.41		
	Sqm	8	0.40	0.20	0.45	-0.29		
C4	Sqm	1	0.60	0.20	0.45	-0.05		
C5	Sqm	3	0.60	0.20	0.45	-0.16		
C6	Sqm	5	0.60	0.20	0.45	-0.27		
Staircase								
Waist slab	Cum	1	6.37	2.50	0.225	3.58		
Landing	Cum	1	6.00	2.50	0.225	3.38		
Rise and threads	Cum	19	1.20		0.02	0.51		
			triangular area 0.5*0.3*0.15=0.022					
Basic rate							6367.00	
Add lift charges for First Floor							50.00	
sub total							6417.00	
Area weightage 8%							513.36	
Total						111.83	6930.36	775022.16
Second Floor								
Columns upto beam bottom								
C1	Cum	1	0.40	0.75	2.40	0.72		
C2	Cum	1	0.40	0.75	2.40	0.72		
C4	Cum	1	0.30	0.60	3.00	0.54		
C5	Cum	1	0.30	0.60	3.00	0.54		
Basic rate							6367.00	
Add lift charges for Second Floor							100.00	
sub total							6467.00	
Area weightage 8%							517.36	
Total						2.52	6984.36	17600.59
Headroom								
Columns upto beam bottom								
C1	Cum	1	0.40	0.75	2.40	0.72		
C2	Cum	1	0.40	0.75	2.40	0.72		
C4	Cum	1	0.30	0.60	2.40	0.43		
C5	Cum	1	0.30	0.60	2.40	0.43		
Lintels								
Cut lintel								

D3	Cum	1	1.20	0.20	0.20	0.05		
Basic rate							6367.00	
Add lift charges for Headroom							150.00	
sub total							6517.00	
Area weightage 8%							521.36	
Total						2.35	7038.36	16540.15

20 Providing and laying **cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC)** for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar,with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams,staircase,and roof with M-25. Pg No.18 Item No.4.49.2

Ground Floor								
Beams								
B1	Cum	10	38.00	0.30	0.73	83.22		
B2	Cum	5	45.18	0.30	0.43	29.14		
SB	Cum	1	5.65	0.20	0.38	0.42		
Deductions								
Beam Junctions	Cum	52	0.30	0.30	0.43	-2.01		
	Cum	1	6.00	0.30	0.43	-0.77		
Roof								
	Cum	1	38.00	45.18	0.17	291.89		
First Floor								
Beams								
B2	Cum	1	45.18	0.30	0.43	5.83		
	Cum	1	38.98	0.30	0.45	5.26		
	Cum	5	6.61	0.30	0.45	4.46		
B3	Cum	3	6.61	0.30	0.48	2.85		
SB	Cum	1	5.65	0.20	0.38	0.42		
GB	Cum	1	33.22	0.20	0.30	1.99		
	Cum	1	33.22	0.20	0.30	1.99		
	Cum	1	33.22	0.20	0.30	1.99		
Roof								
	Cum	1	38.98	7.01	0.17	46.44		
Infront of staircase	Cum	1	1.31	6.20	0.17	1.38		
Gallery	Cum	1	33.22	0.90	0.15	4.49		
	Cum	1	33.22	1.30	0.15	6.48		
Second Floor								
Beams								
B2	Cum	1	6.40	0.30	0.43	0.83		
SB	Cum	1	5.65	0.20	0.38	0.42		
Roof								
In front of Staircase	Cum	1	1.31	6.40	0.17	1.42		
Headroom								
Beams								

	B2	Cum	2	6.00	0.30	0.43	1.55		
		Cum	2	7.01	0.30	0.43	1.81		
	Roof Slab	Sqm	1	7.01	6.40	0.17	7.62		
	Basic rate							6065.00	
	Area weightage 8%							485.20	
	Total						**499.12**	**6550.20**	**3269335.82**
21	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.14 Item no.4.20								
	Chejja								
	Ground Floor								
	W1	Sqm	3	2.7	0.60		4.86		
	W2	Sqm	8	3.30	0.60		15.84		
	Basic rate							514.00	
	Area weightage 8%							41.12	
	Total						**20.70**	**555.12**	**11490.98**
	Chejja								
	First Floor								
	W3	Sqm	11	3.30	0.60		21.78		
	Basic rate							514.00	
	Add lift charges for First Floor							5.00	
	sub total							519.00	
	Area weightage 8%							41.52	
	Total						**21.78**	**560.52**	**12208.13**
	Chejja								
	Headroom								
	D1	Sqm	1	1.2	0.60		0.72		
	Basic rate							514.00	
	Add lift charges for Second Floor							15.00	
	sub total							529.00	
	Area weightage 8%							42.32	
	Total						**0.72**	**571.32**	**411.35**
22	PG no.12 Item No.4.5 KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	Ground Floor								
	Steps at front	Cum	1	38.00	1.60	0.15	9.12		
		Cum	1	38.00	0.60	0.15	3.42		

Basic rate							5542.00	
Area weightage 8%							443.36	
Total						12.54	5985.36	75056.41
Steps for Northern gallery								
First Floor								
	Cum	6	1.50	0.60	0.15	0.81		
	Cum	6	1.50	0.30	0.15	0.41		
Basic rate							5542.00	
Add lift charges for Second Floor							50.00	
sub total							5592.00	
Area weightage 8%							447.36	
Total						1.22	6039.36	7368.02

23 KSRB 4.9.2 : Providing **T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever** required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.
Specification No. KBS 4.6.3 Pg No.17 Item No.4.46.2

Ground Floor								
Footing	Cum	Concrete Quantity				242.66		
	kg	Steel assumed 100 Kg/Cum of Concrete				24266.0		
	tonne					**24.27**		
Columns	Cum	Concrete Quantity				47.68		
	kg	Steel assumed 150 Kg/Cum of Concrete				7152.00		
	tonne					**7.15**		
Plinth beam	Cum	Concrete Quantity				65.82		
	kg	Steel assumed 125 Kg/Cum of Concrete				8227.17		
	tonne					**8.23**		
Staircase	Cum	Concrete Quantity				9.01		
	kg	Steel assumed 125 Kg/Cum of Concrete				1126.25		
	tonne					**1.13**		
Lintel	Cum	Concrete Quantity				16.54		
	kg	Steel assumed 125 Kg/Cum of Concrete				2067.50		
	tonne					**2.07**		
Beam	Cum	Concrete Quantity				110.00		
	kg	Steel assumed 150 Kg/Cum of Concrete				16500.00		
	tonne					**16.50**		
Roof Slab	Cum	Concrete Quantity				291.89		
	kg	Steel assumed 125 Kg/Cum of Concrete				36486.25		
	tonne					**36.49**		

Chajja	Cum	Concrete Quantity				2.07		
	kg	Steel assumed 125 Kg/Cum of Concrete				258.75		
	tonne					**0.26**		
Basic rate							48825.00	
Area weightage 8%							3906.00	
Total						**96.08**	**52731.0**	**5066601.19**
First Floor								
Columns	Cum	Concrete Quantity				63.09		
	kg	Steel assumed 150 Kg/Cum of Concrete				9463.50		
	tonne					**9.46**		
Staircase	Cum	Concrete Quantity				7.47		
	kg	Steel assumed 125 Kg/Cum of Concrete				933.75		
	tonne					**0.93**		
Lintel	Cum	Concrete Quantity				41.27		
	kg	Steel assumed 125 Kg/Cum of Concrete				5158.75		
	tonne					**5.16**		
Beam	Cum	Concrete Quantity				24.79		
	kg	Steel assumed 150 Kg/Cum of Concrete				3718.50		
	tonne					**3.72**		
Roof Slab	Cum	Concrete Quantity				58.79		
	kg	Steel assumed 125 Kg/Cum of Concrete				7348.75		
	tonne					**7.35**		
Chajja	Cum	Concrete Quantity				2.18		
	kg	Steel assumed 125 Kg/Cum of Concrete				272.25		
	tonne					**0.27**		
Basic rate							48825.00	
Add lift charges for First Floor							472.00	
sub total							49297.0	
Area weightage 8%							3943.76	
Total						**26.90**	**53240.8**	**1431936.86**
Second Floor								
Columns	Cum	Concrete Quantity				2.52		
	kg	Steel assumed 150 Kg/Cum of Concrete				378.00		
	tonne					**0.38**		
Beam	Cum	Concrete Quantity				1.25		
	kg	Steel assumed 150 Kg/Cum of Concrete				187.50		
	tonne					**0.19**		